



Considerations On Updating KDB Guidance For Grant Listings

Office of Engineering and Technology
Laboratory Division



Overview

- KDB Draft Publication(s) intended covering main parameters listed on equipment grants¹
- Related/input materials include: KDB 634817; KDB 821551 DR01; TCB presentations and minutes; radio service rule parts and Part 2
- The term “grant comment” generally refers to:
 - grant remark – Item 14 free-form input field in electronic FCC-TCB Form No. 731
 - grant condition – specific restrictions for device operation and/or marketing
 - grant note – standardized grant comments per alphanumeric codes in the e-filing system

¹ FCC Form No. 731 is the *Application for Equipment Authorization*;
FCC Form 731A is the *Grant of Equipment Authorization Certification* = “grant.”



Parameters In Grant Listings

- Form 731 line entry parameters:
 - Grant note(s)
 - Rule part(s) (see KDB 149672)
 - Frequencies
 - Output power
 - Emission designator
- Free-form grant remarks – may contain:
 - Grant conditions (existing practices)
 - SAR listings (see KDB 690783)
 - HAC ratings (see KDB 285076)
 - etc.



Frequency Listings

- KDB “pre-draft” posted Apr. 2013 advised about intended updates to KDB 634817 ²
- The following paraphrasing of 2.105(e) and 2.105(d)(6) is important:
 - Rule part(s) in rightmost column of 2.106 are informational – the exact use of each frequency or band is given in service rule(s)
 - If the “Non-Federal Table” column does not list a radio service or footnote covering a device, Form-731 listing of that band should have explanations within a filing

² (<https://apps.fcc.gov/oetcf/kdb/reports/ExpiredDocumentList.cfm>): Grant Notes Extended Freq PR-41381
(<https://apps.fcc.gov/eas/comments/GetPublishedDocument.html?id=328&tn=896858>)



Output Power Listings

- In general output power listed is per service rule power limit quantity (conducted, ERP, EIRP)
- For some conditions devices subject to ERP/EIRP may list conducted power in line entry
 - Details will be consolidated including from TCB minutes and presentations
- Guidance also will include considerations for 90.205(s), and part 15 power listings



Emissions Designators

- Emission designator is a Form-731 line-entry symbol identifying necessary or occupied bandwidth and emissions classification
- Service rules may identify allowed types of emissions (e.g. parts 90, 80)
 - Form-731 listing of other emission types should have explanations within filings; might need case-by-case review or even waiver (e.g. DA-13-1659)
- Uniform guidance to be provided about listing multiple bandwidths for same emission type, also consolidating other basic aspects



Grant Remarks

- Followup work resuming for the Oct. 2011 821551 grant comments master guidance draft KDB publication
 - Some adjustments needed for RF exposure procedures updates since then
 - Some aspects may depend on other ongoing policy / procedure developments e.g. modules
- Latest goal is for pare-down to have focused set of uniform alphanumeric note codes